

Converting Colors

`RYB(183, 214, 224)`

Have a look what the booklet for
RYB(183, 214, 224) contains.

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Color

R_YB(183, 214, 224)

Conversions

Conversions Part 1

Format	Color
Hex	B7E0C4
RGB	183, 224, 196
RGB Percent	72%, 88%, 77%
CMY	0.2824, 0.1216, 0.2305
CMYK	0.18, 0.00, 0.12, 0.12
HSL	139°, 40%, 80%
HSV	139°, 18%, 88%
XYZ	56.1736, 67.3744, 62.4033
YIQ	208.5490, -15.4480, -17.4000

Conversions

Conversions Part 2

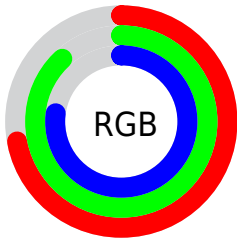
Format	Color
RYB	183, 214, 224
Decimal	12050628
CIELab	85.69, -18.73, 9.20
CIELCh	86, 20.870, 153.834
Yxy	67.3744, 0.3021, 0.3623
Android (android.graphics.Color)	4290240708 (0xFFB7E0C4)
YUV	208.5490, -6.1867, -22.4065
Hunter-Lab	82.0819, -21.4850, 12.3817

Details

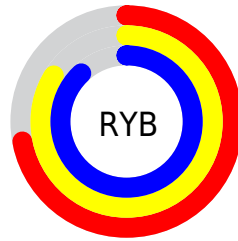
The RYB color **183, 214, 224** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **224, 183, 211**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **239, 248, 255**, and **129, 159, 169** is the 20% darker color. If you saturate the color by 10%, you get **161, 209, 224**, and if you desaturate by 10%, it is **205, 219, 224**.

Distribution



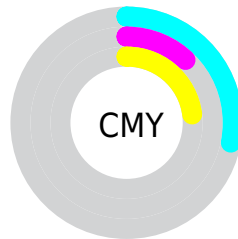
- Red (72%)
- Green (88%)
- Blue (77%)



- Red (72%)
- Yellow (84%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 214, 224 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 183, 214, 224 by changing the saturation by 10% instead.

 183, 214, 224


255, 255, 255


 239, 248, 255

 183, 214, 224

 156, 186, 196

 129, 159, 169

 104, 132, 142

 79, 106, 116

 55, 82, 92

 32, 58, 68


 9, 33, 45

 0, 26, 26

 0, 0, 0

 183, 214, 224


 183, 214, 224

 161, 209, 224


 205, 219, 224

 138, 203, 224


 228, 224, 227


 116, 198, 224


 250, 224, 242

 93, 192, 224

 255, 224, 255

 71, 187, 224

 49, 182, 224

 26, 176, 224

 4, 170, 224

 0, 170, 224

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181, 220, 196



183, 214, 224



166, 199, 226

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



183, 214, 224



195, 210, 253



255, 204, 193

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



183, 214, 224



224, 183, 211

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 200, 212



183, 214, 224



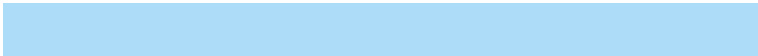
221, 208, 247

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



183, 214, 224



173, 202, 249



242, 203, 232



245, 228, 179

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



183, 214, 224



162, 194, 229



242, 203, 232



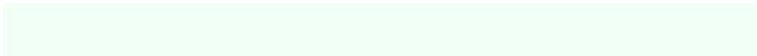
255, 201, 199

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



183, 214, 224



242, 252, 255



183, 224, 196



120, 126, 128



0, 0, 0



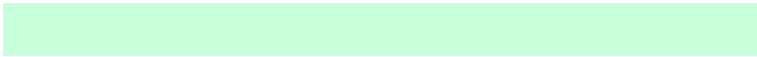
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



183, 214, 224



199, 241, 255



183, 206, 224



101, 109, 112



0, 133, 176



0, 36, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



224, 183, 211



255, 199, 237



224, 183, 191



112, 101, 109



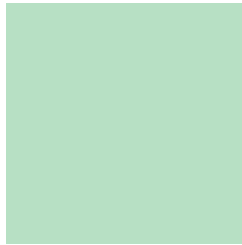
176, 0, 119



48, 0, 33

Previews

White Background



This preview shows how the RYB color 183, 214, 224 looks on a white background.

Color Contrast Check

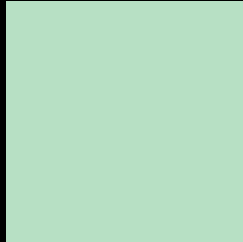
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 183, 214, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

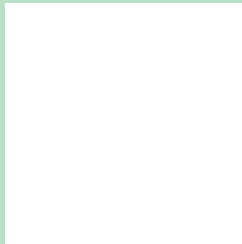
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R/Y/B 183, 214, 224 Background



This preview shows how black text looks on a background with the RYB color 183, 214, 224.

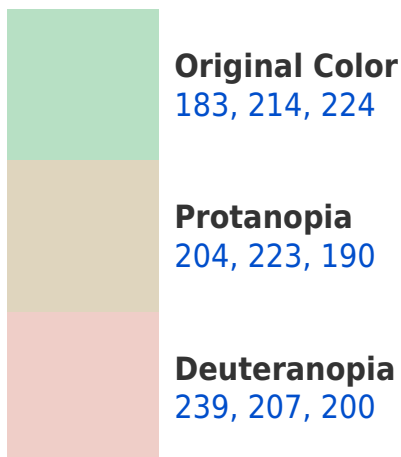


This preview shows how white text looks on a background with the RYB color 183, 214, 224.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





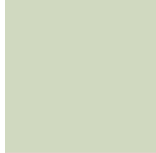
Tritanopia
190, 207, 236

Trichromacy



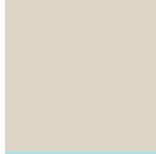
Original Color

183, 214, 224



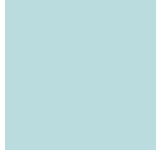
Protanomaly

192, 217, 201



Deuteranomaly

208, 219, 199



Tritanomaly

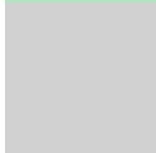
187, 204, 222

Monochromacy



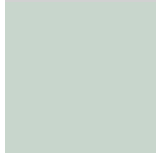
Original Color

183, 214, 224



Achromatopsia

209, 209, 209



Achromatomaly

200, 211, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 214, 224 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(183, 224, 196)` looks like.

```
.text, #text, p{  
    color:rgb(183, 224, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(183, 224, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 224, 196) }
```

Border

The CSS property to change the border of an element to RYB 183, 214, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 224, 196) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(183, 224, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(183, 224, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 224, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 224, 196); box-shadow:4px 4px 4px 4px rgb(183, 224, 196) }
```

Background

The CSS property to change the background color of an element to RYB 183, 214, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 224, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(183,  
224, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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